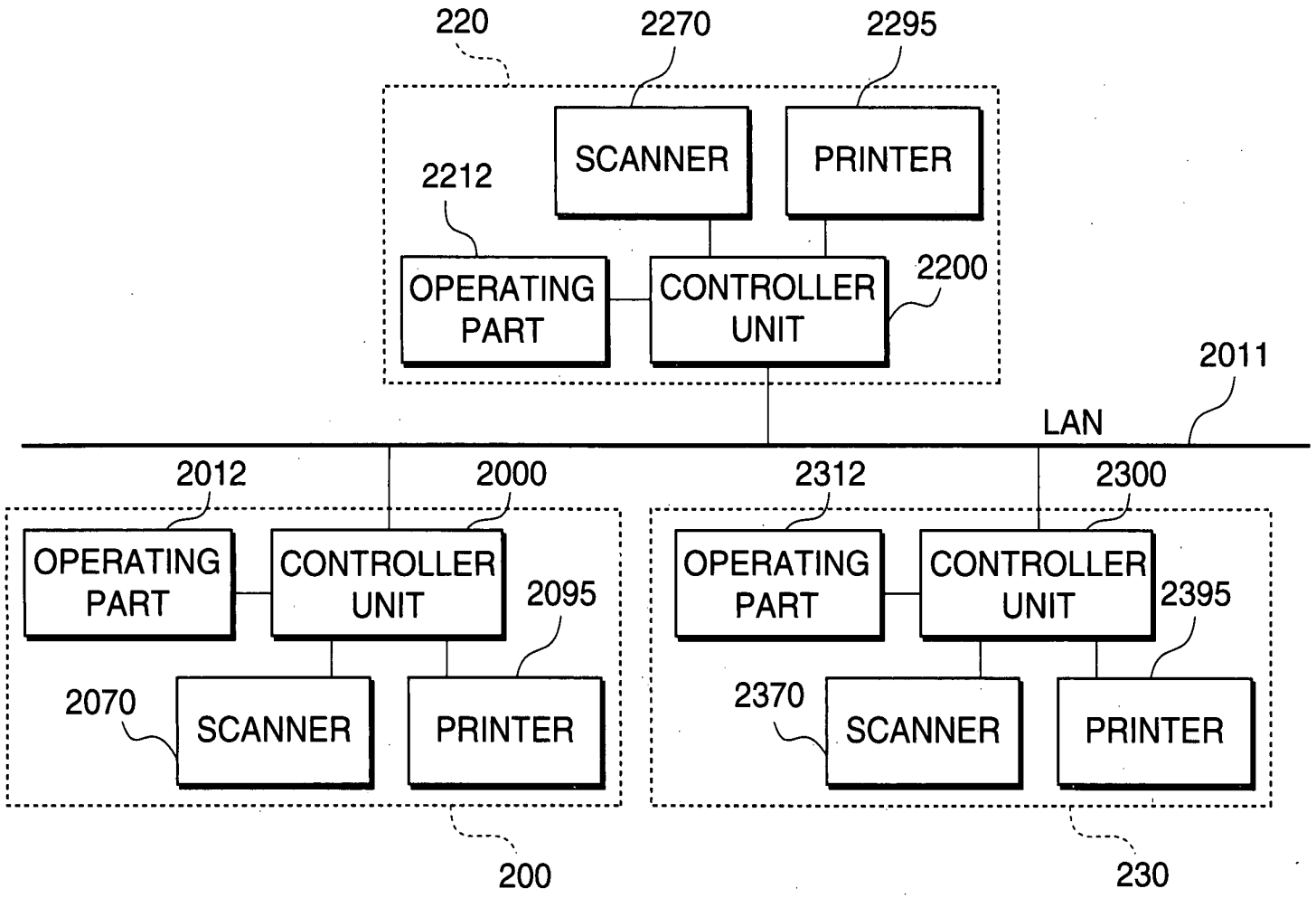
002290 E2866560

FIG.1



AP-1220.

FIG.2

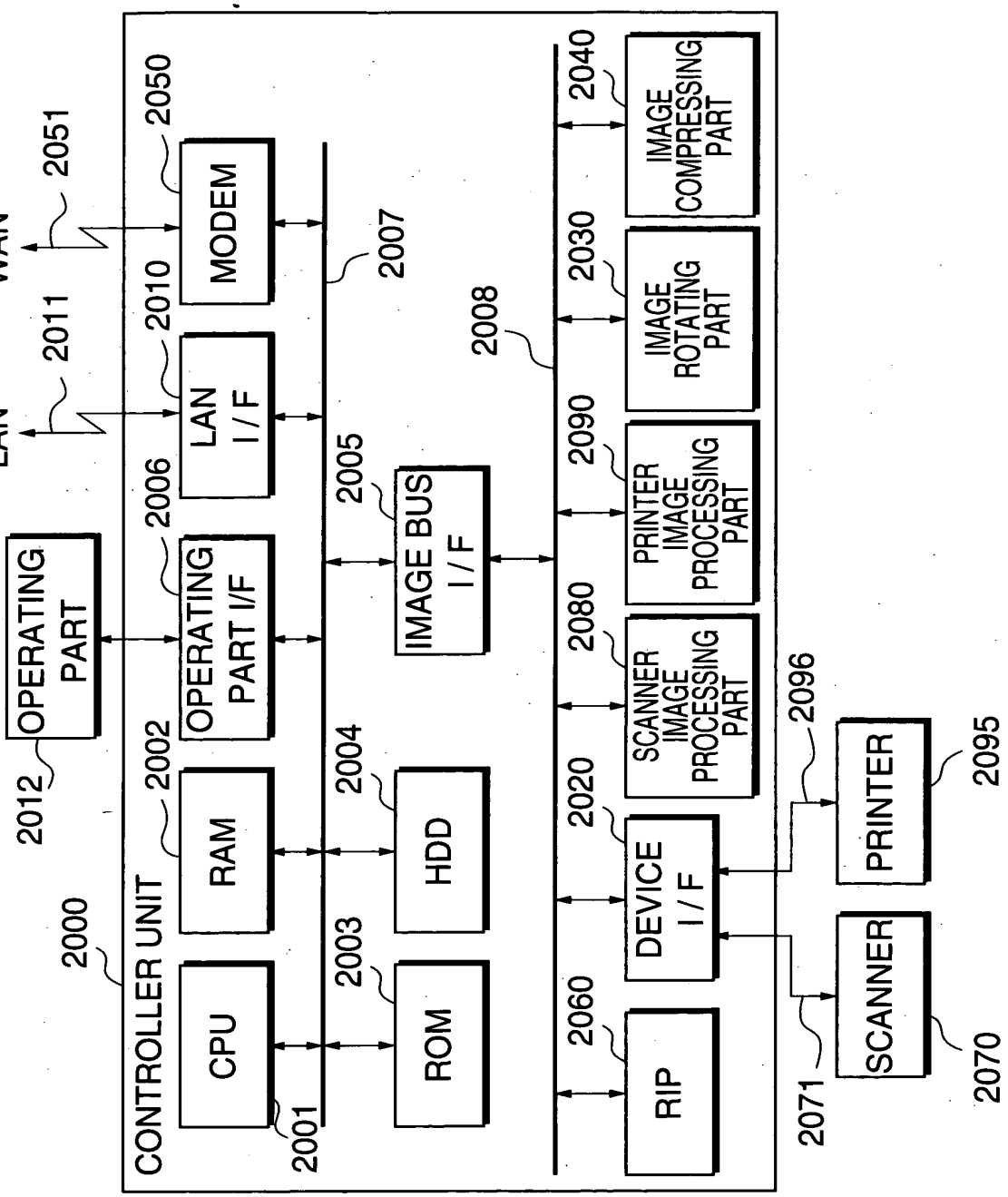

CONTROLLER UNIT
2000
CPU
2001
RAM
2002
ROM
2003
HDD
2004
IMAGE BUS I/F
2005
OPERATING PART I/F
2006
2007
LAN I/F
2010
MODEM
2050
2008
OPERATING PART
2012
LAN
2011
WAN
2051
RIP
2060
DEVICE I/F
2020
SCANNER IMAGE PROCESSING PART
2080
PRINTER IMAGE PROCESSING PART
2090
IMAGE ROTATING PART
2030
IMAGE COMPRESSING PART
2040
2096
PRINTER
2095
SCANNER
2070
2071

FIG.3

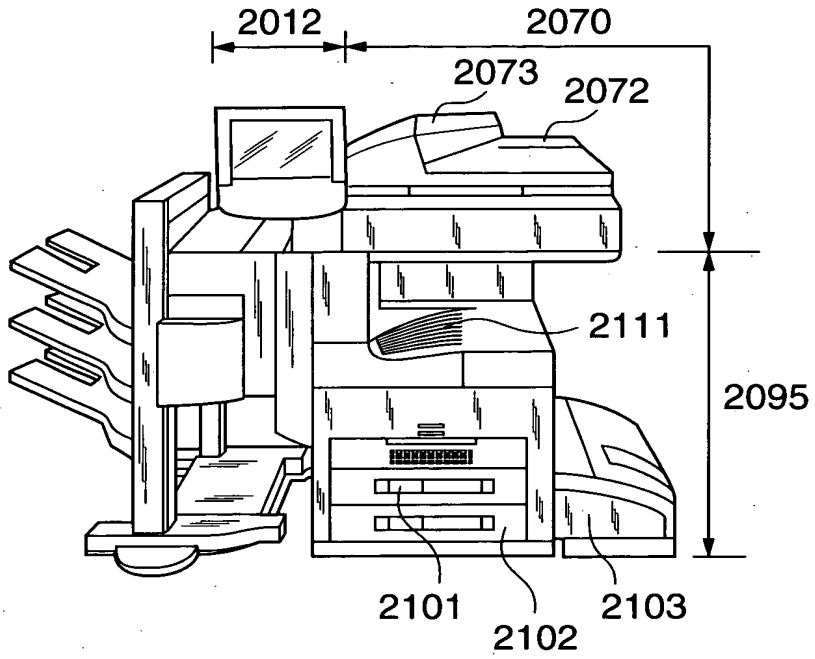

2012
2070
2073
2072
2111
2095
2101
2102
2103

FIG.4

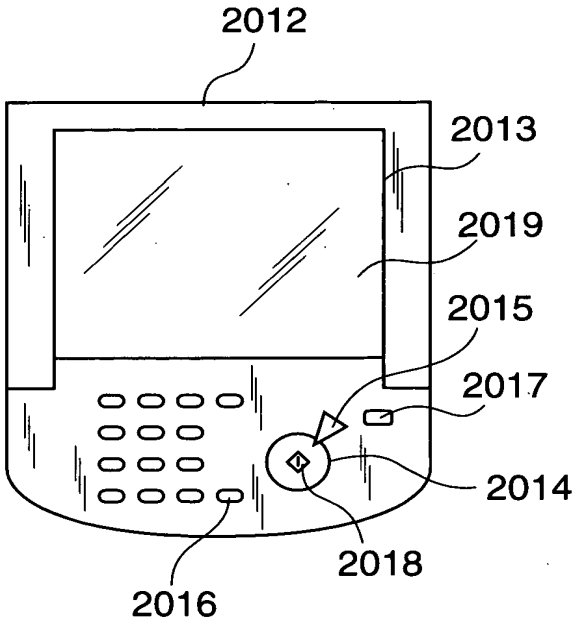

2012
2013
2019
2015
2017
2014
2018
2016

FIG.5

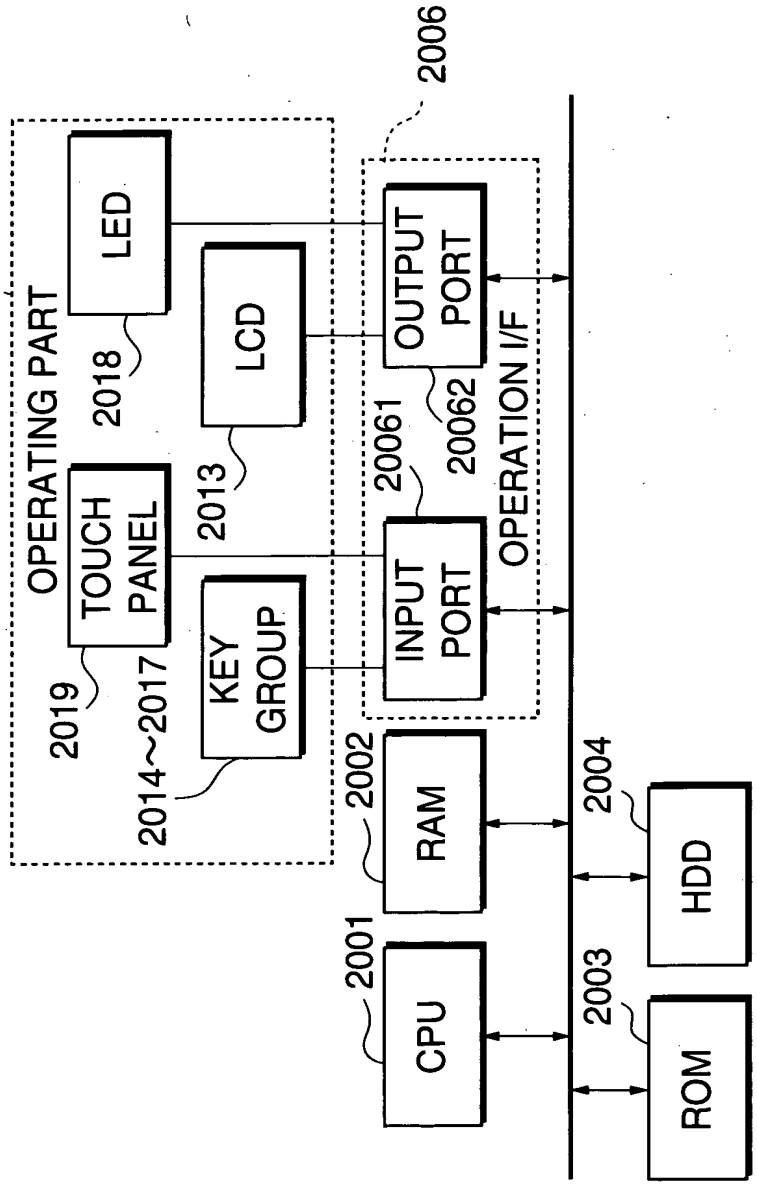

2012
OPERATING PART
LED
2018
LCD
2013
TOUCH PANEL
2019
KEY GROUP
2014~2017
2006
OUTPUT PORT
20062
INPUT PORT
20061
OPERATION I/F
RAM
2002
CPU
2001
HDD
2004
ROM
2003

FIG.6

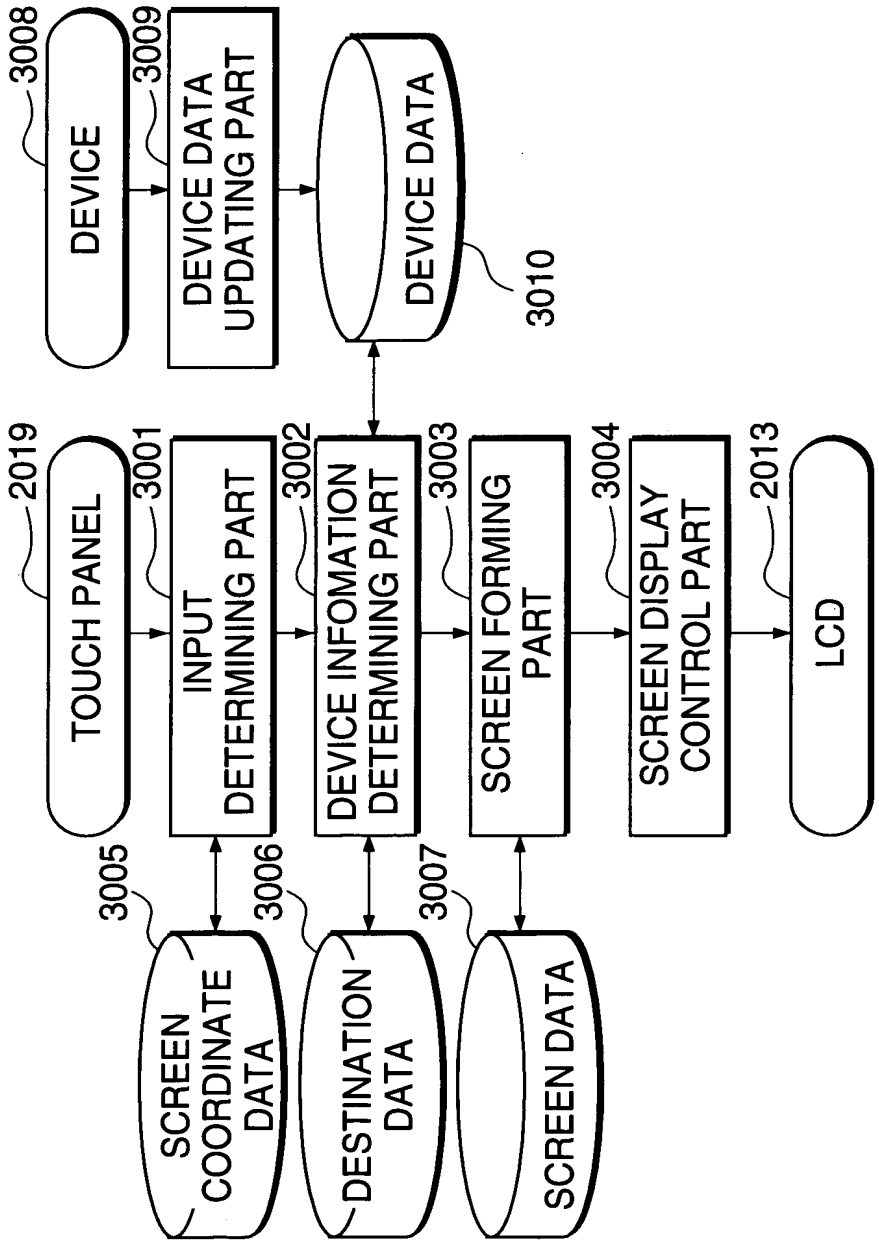
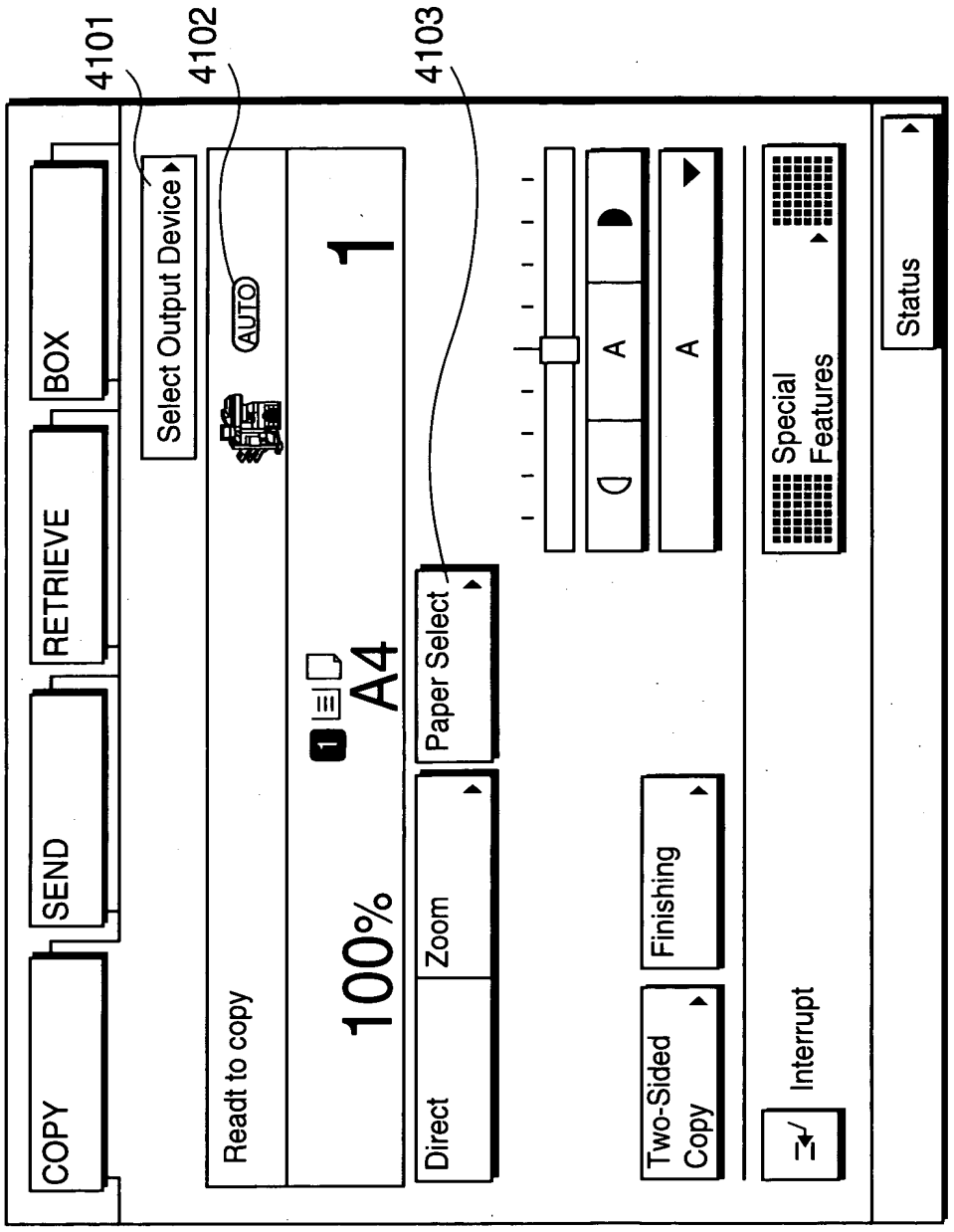

DEVICE
3008
DEVICE DATA UPDATING PART
3009
DEVICE DATA
3010
TOUCH PANEL
2019
INPUT DETERMINING PART
3001
DEVICE INFOMATION DETERMINING PART
3002
SCREEN FORMING PART
3003
SCREEN DISPLAY CONTROL PART
3004
LCD
2013
SCREEN COORDINATE DATA
3005
DESTINATION DATA
3006
SCREEN DATA
3007

FIG.7


4101
4102
4103
COPY
SEND
RETRIEVE
BOX
Select Output Device
Readt to copy
AUTO
100%
A4
1
Paper Select
Direct
Zoom
Two-Sided Copy
Finishing
A
A
Special Features
Interrupt
Status

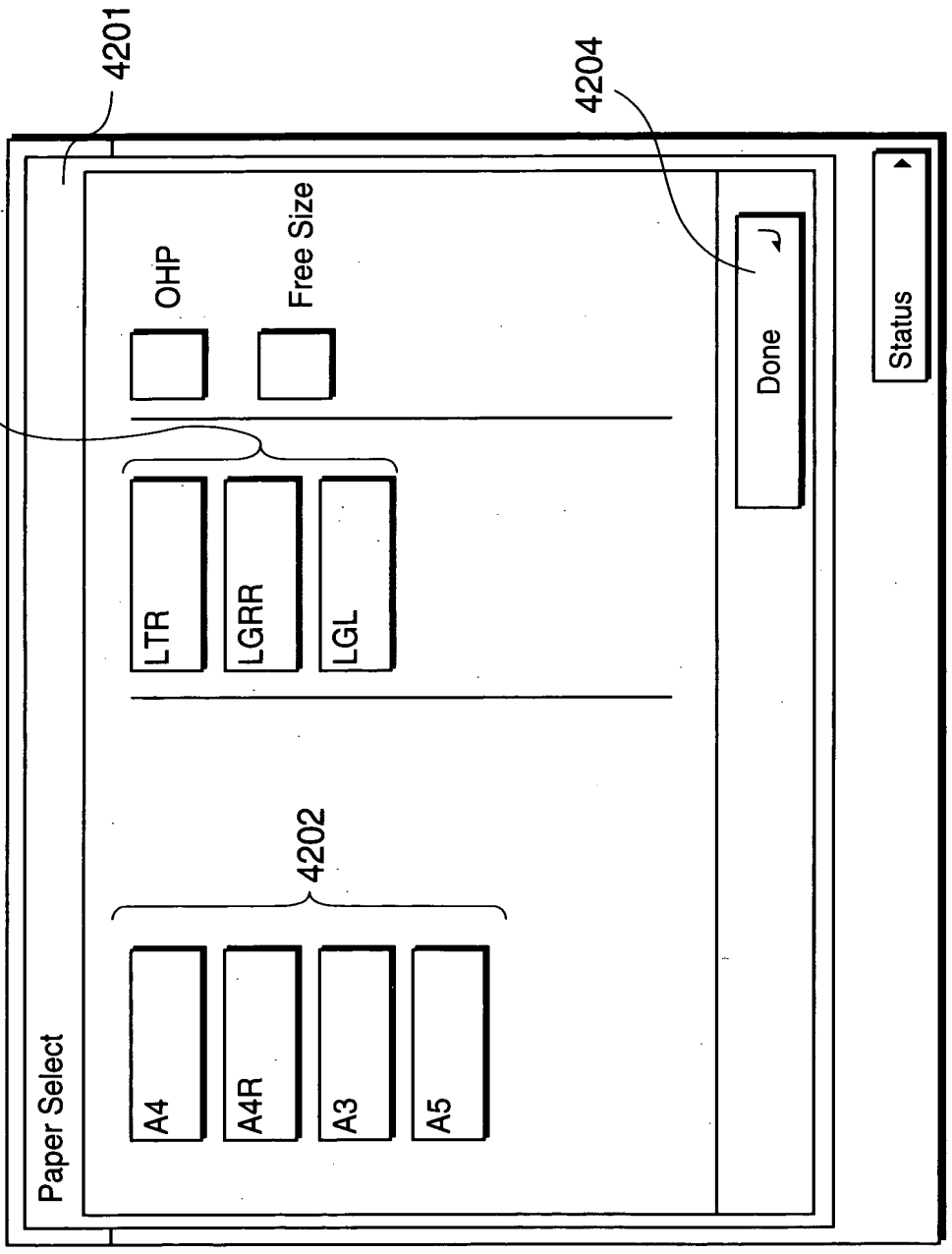
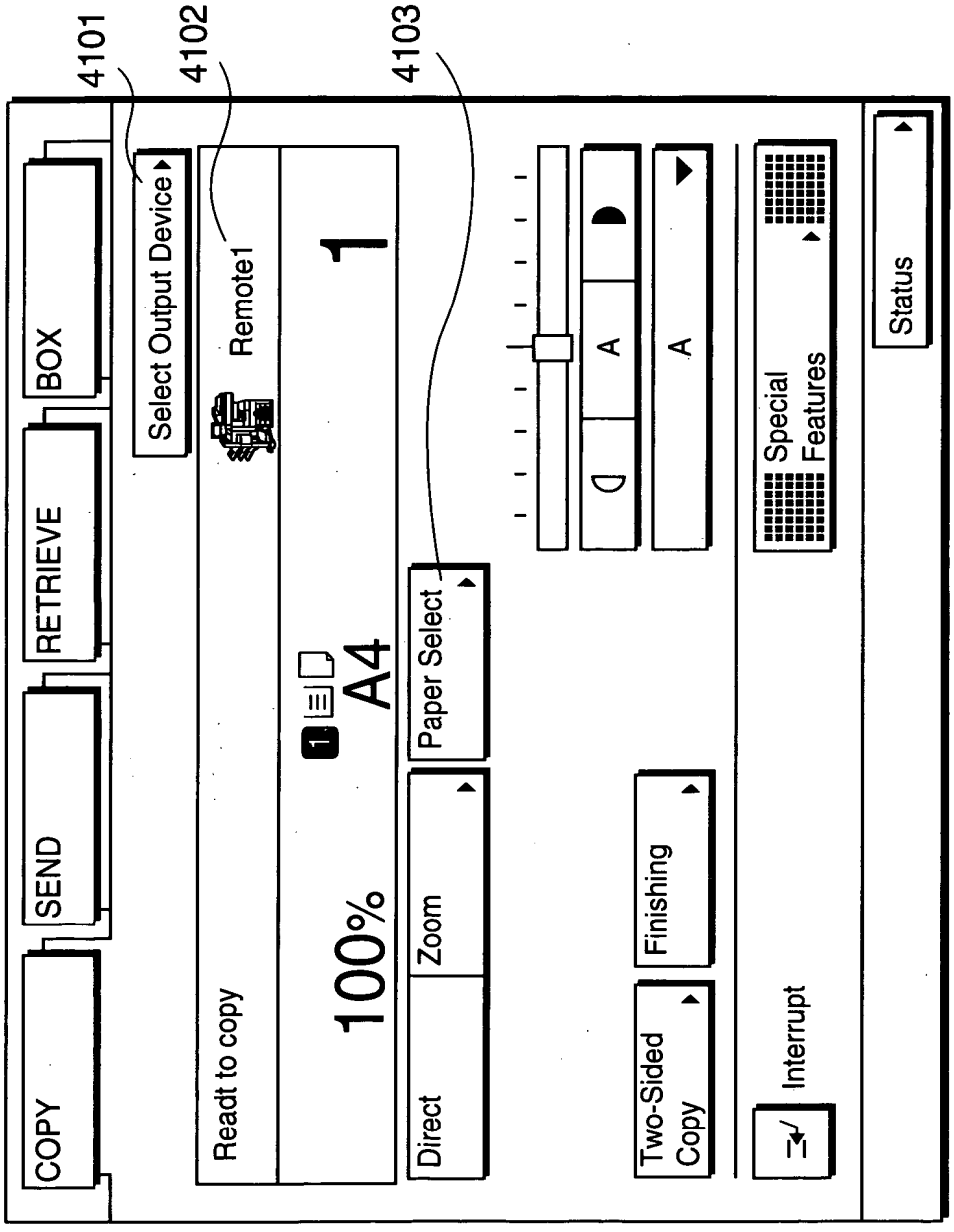

4201
4204
4203
OHP
Free Size
Done
Status
LTR
LGRR
LGL
4202
A4
A4R
A3
A5
Paper Select

FIG.8

FIG.10


4101
4102
4103
COPY
SEND
RETRIEVE
BOX
Select Output Device
Remote1
Readt to copy
100%
A4
1
Direct
Zoom
Paper Select
Two-Sided Copy
Finishing
Interrupt
A
A
Special Features
Status

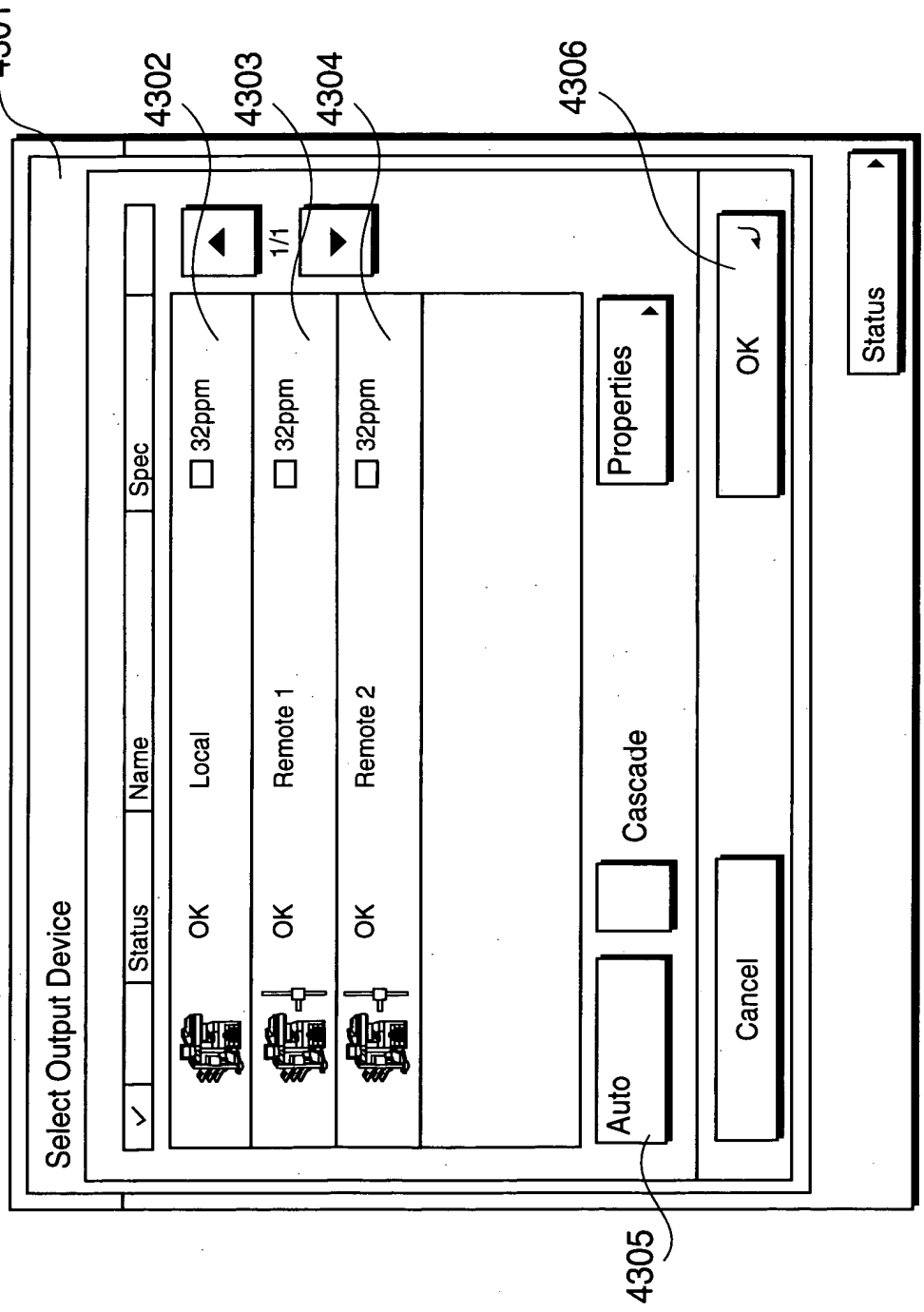
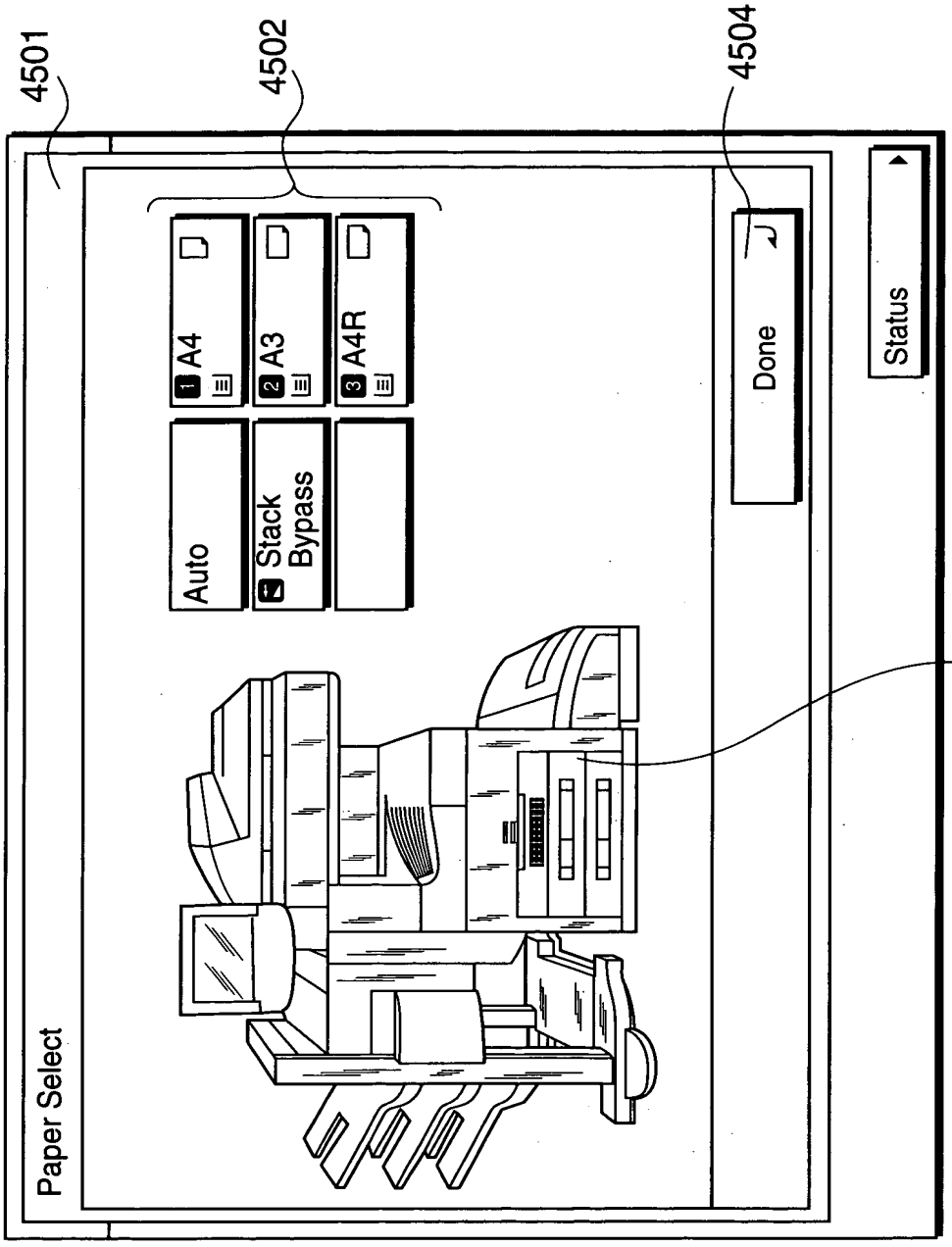

4301
4302
4303
4304
4306
4305
Select Output Device
Status
Name
Spec
OK
Local
32ppm
OK
Remote 1
32ppm
OK
Remote 2
32ppm
1/1
Properties
Cascade
Auto
Cancel
OK
Status

FIG.9

FIG.11


4501
4502
4504
4503
Paper Select
Auto
Stack Bypass
1 A4
2 A3
3 A4R
Done
Status

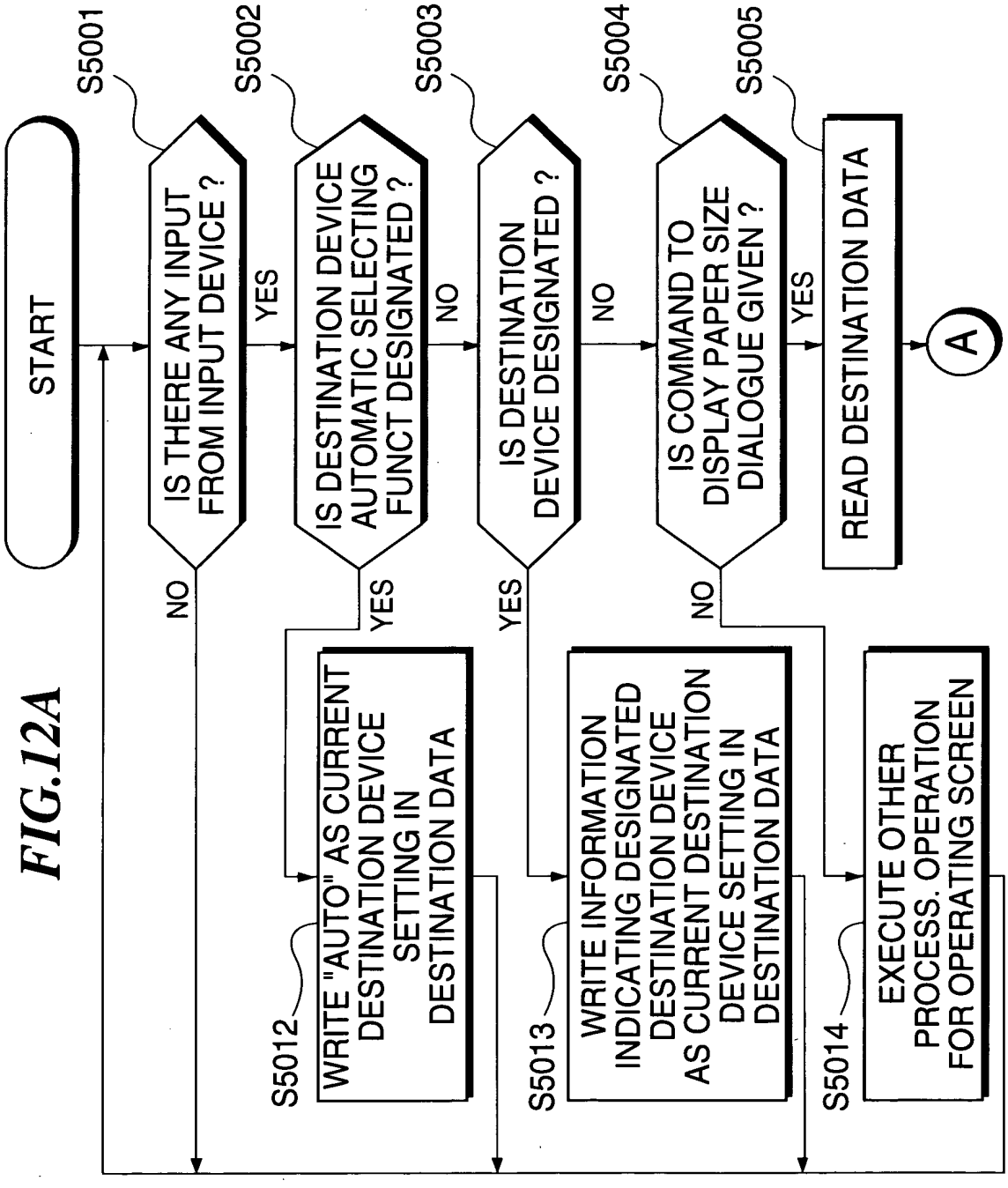

START
S5001
IS THERE ANY INPUT FROM INPUT DEVICE ?
YES
NO
S5002
IS DESTINATION DEVICE AUTOMATIC SELECTING FUNCT DESIGNATED ?
YES
NO
S5003
IS DESTINATION DEVICE DESIGNATED ?
YES
NO
S5004
IS COMMAND TO DISPLAY PAPER SIZE DIALOGUE GIVEN ?
YES
NO
S5005
READ DESTINATION DATA
A
S5012
WRITE "AUTO" AS CURRENT DESTINATION DEVICE SETTING IN DESTINATION DATA
S5013
WRITE INFORMATION INDICATING DESIGNATED DESTINATION DEVICE AS CURRENT DESTINATION DEVICE SETTING IN DESTINATION DATA
S5014
EXECUTE OTHER PROCESS. OPERATION FOR OPERATING SCREEN

FIG.12A

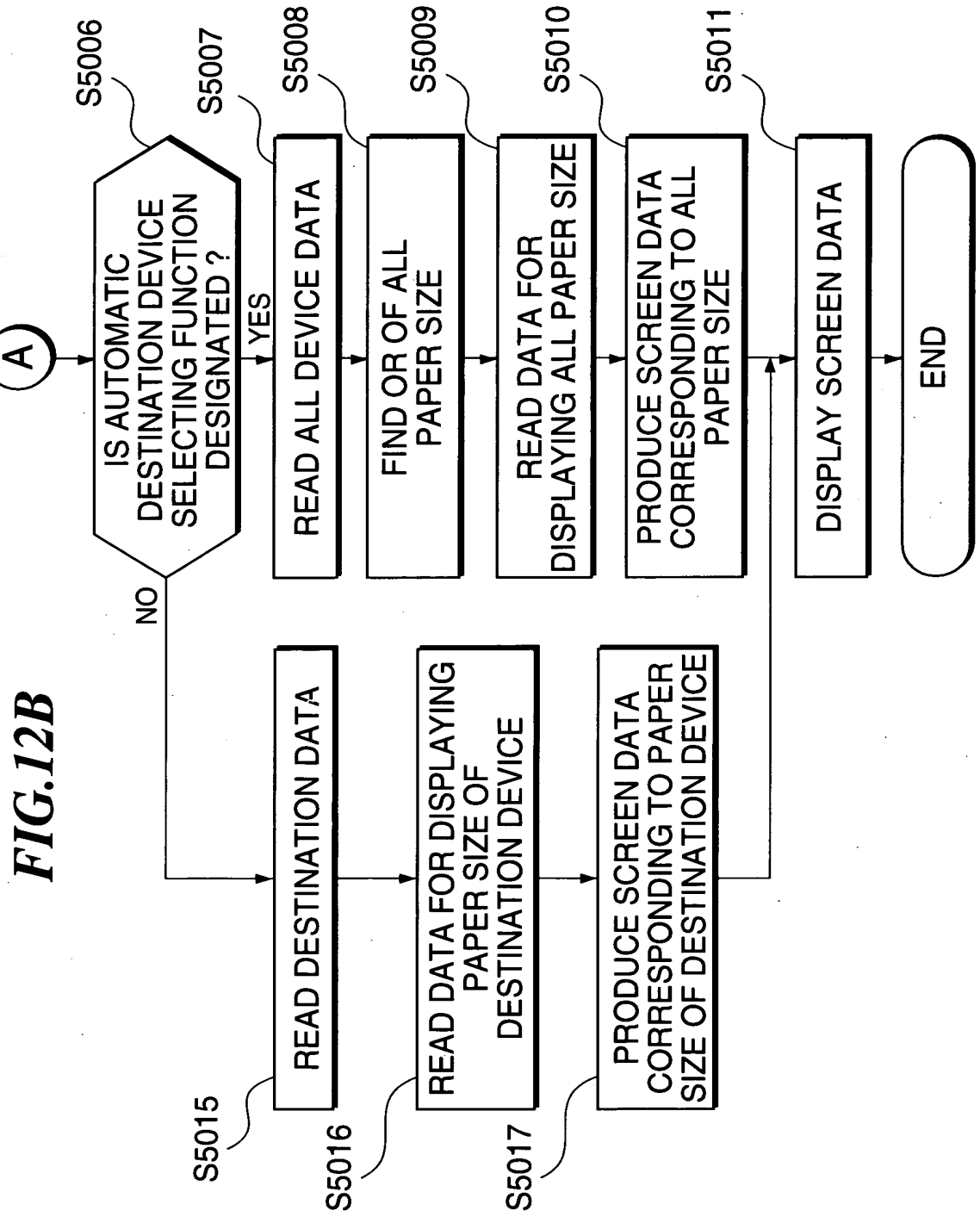

A
S5006
IS AUTOMATIC DESTINATION DEVICE SELECTING FUNCTION DESIGNATED ?
YES
NO
S5007
READ ALL DEVICE DATA
S5008
FIND OR OF ALL PAPER SIZE
S5009
READ DATA FOR DISPLAYING ALL PAPER SIZE
S5010
PRODUCE SCREEN DATA CORRESPONDING TO ALL PAPER SIZE
S5011
DISPLAY SCREEN DATA
END
S5015
READ DESTINATION DATA
S5016
READ DATA FOR DISPLAYING PAPER SIZE OF DESTINATION DEVICE
S5017
PRODUCE SCREEN DATA CORRESPONDING TO PAPER SIZE OF DESTINATION DEVICE

FIG.12B

FIG.13

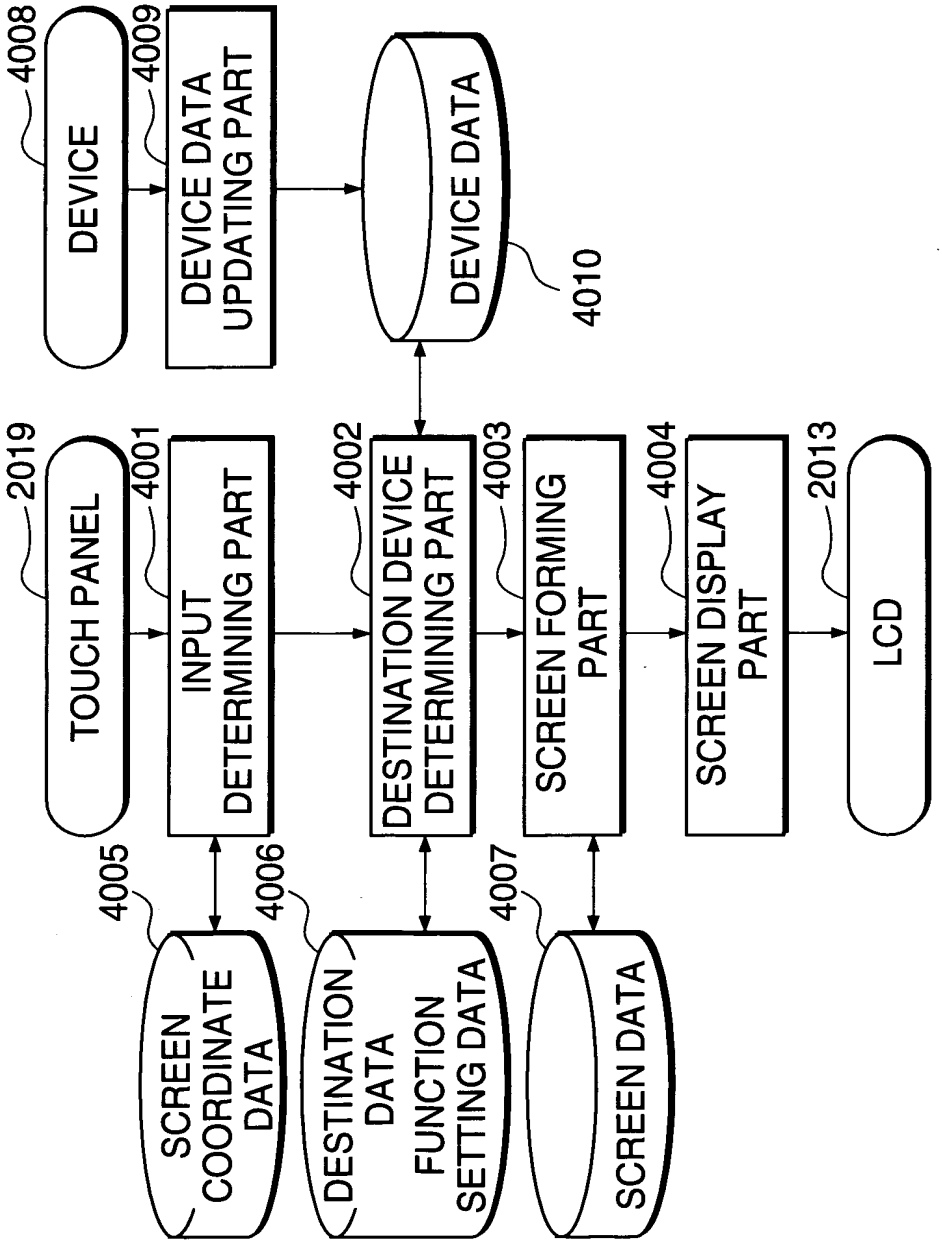
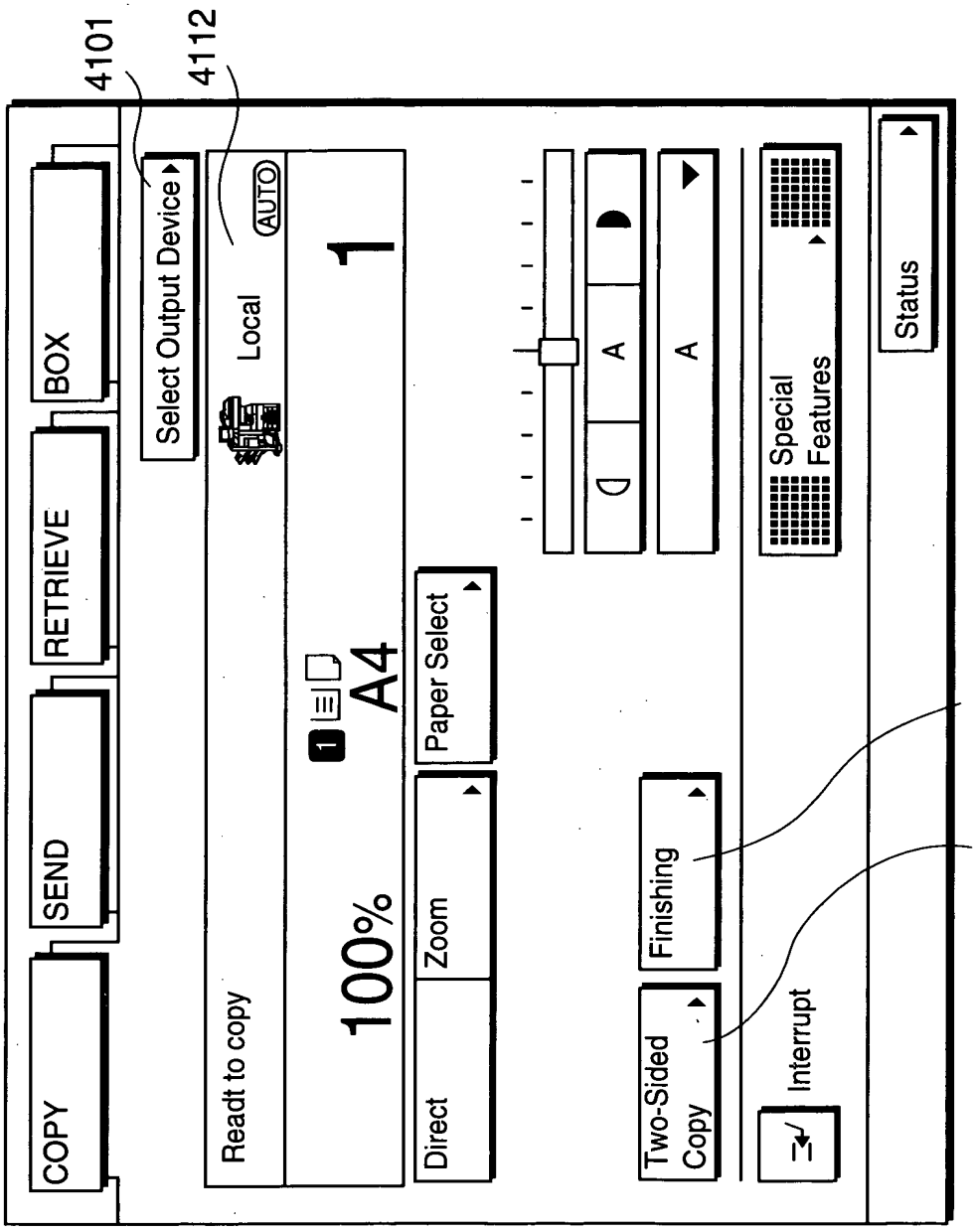

4008
DEVICE
4009
DEVICE DATA UPDATING PART
DEVICE DATA
4010
2019
TOUCH PANEL
4001
INPUT DETERMINING PART
4002
DESTINATION DEVICE DETERMINING PART
4003
SCREEN FORMING PART
4004
SCREEN DISPLAY PART
2013
LCD
4005
SCREEN COORDINATE DATA
4006
DESTINATION DATA FUNCTION SETTING DATA
4007
SCREEN DATA

FIG.14


4101
4112
COPY
SEND
RETRIEVE
BOX
Select Output Device
Local
AUTO
Readt to copy
100%
A4
1
Direct
Zoom
Paper Select
A
A
Special Features
Status
Two-Sided Copy
Finishing
Interrupt
4113
4114

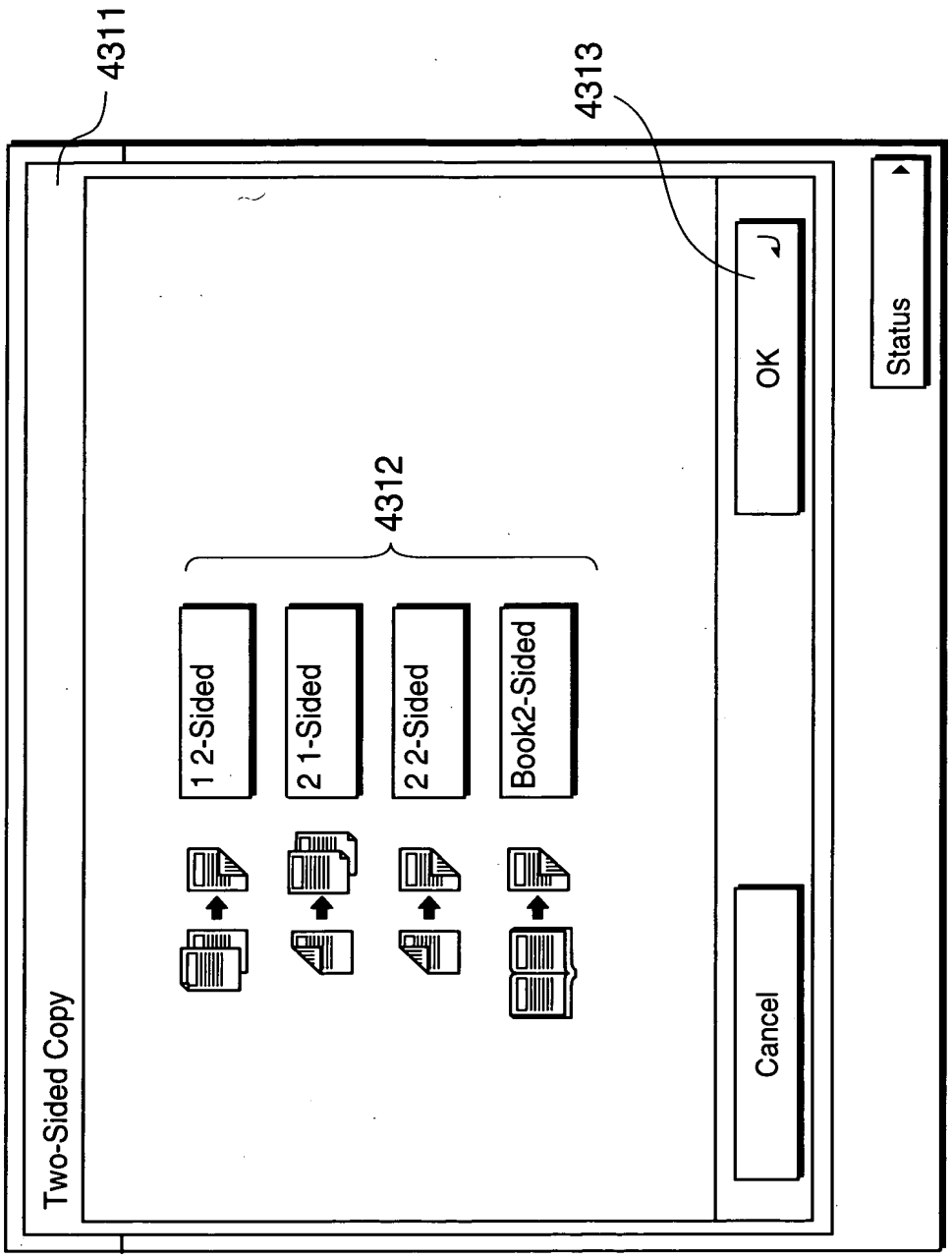
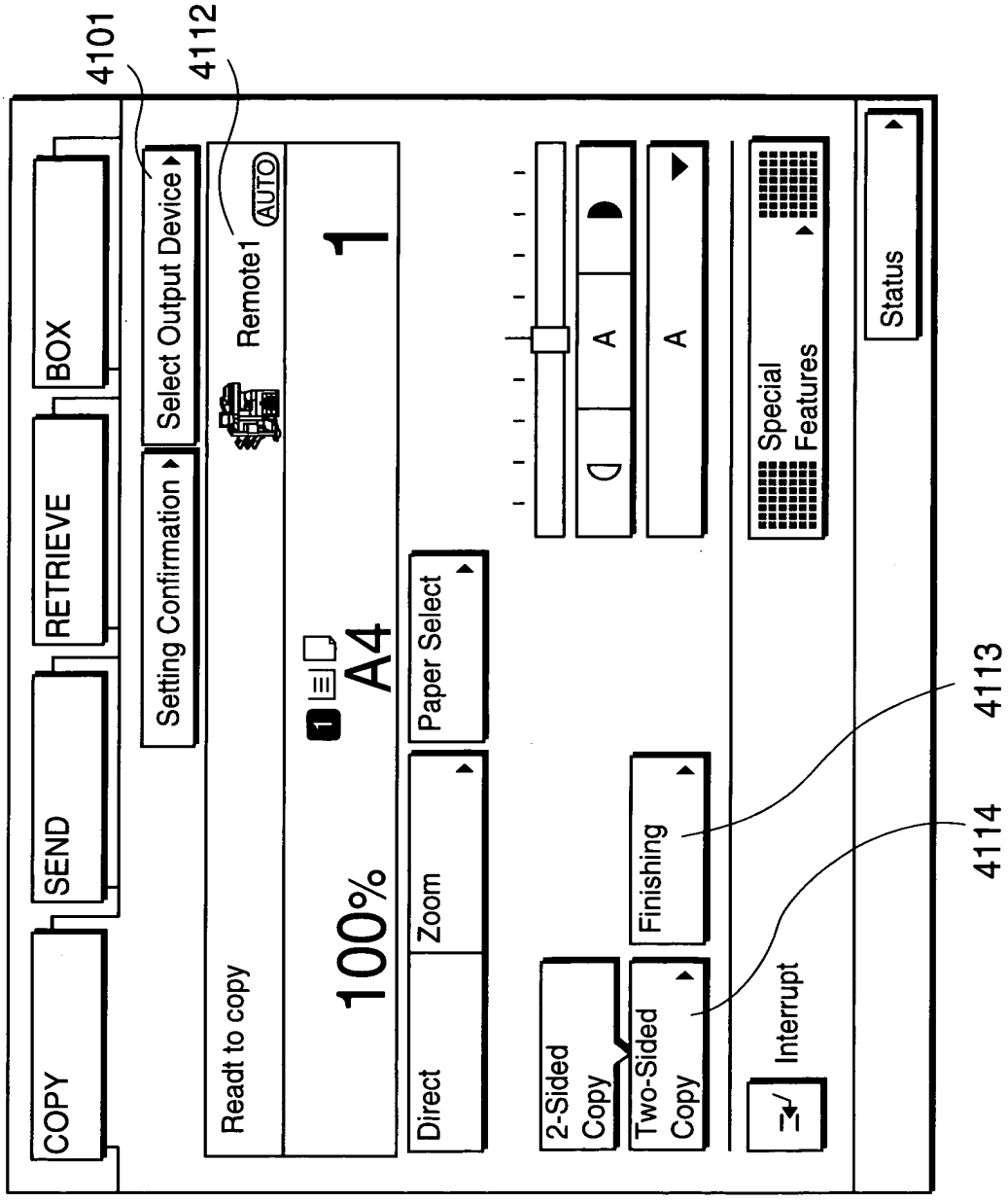

4311
4313
4312
Two-Sided Copy
1 2-Sided
2 1-Sided
2 2-Sided
Book2-Sided
OK
Cancel
Status

FIG.15

FIG.16


4101
4112
COPY
SEND
RETRIEVE
BOX
Select Output Device
Setting Confirmation
Remote1
AUTO
Readt to copy
100%
A4
1
Paper Select
Zoom
Direct
2-Sided Copy
Two-Sided Copy
Finishing
A
A
Special Features
Status
Interrupt
4113
4114

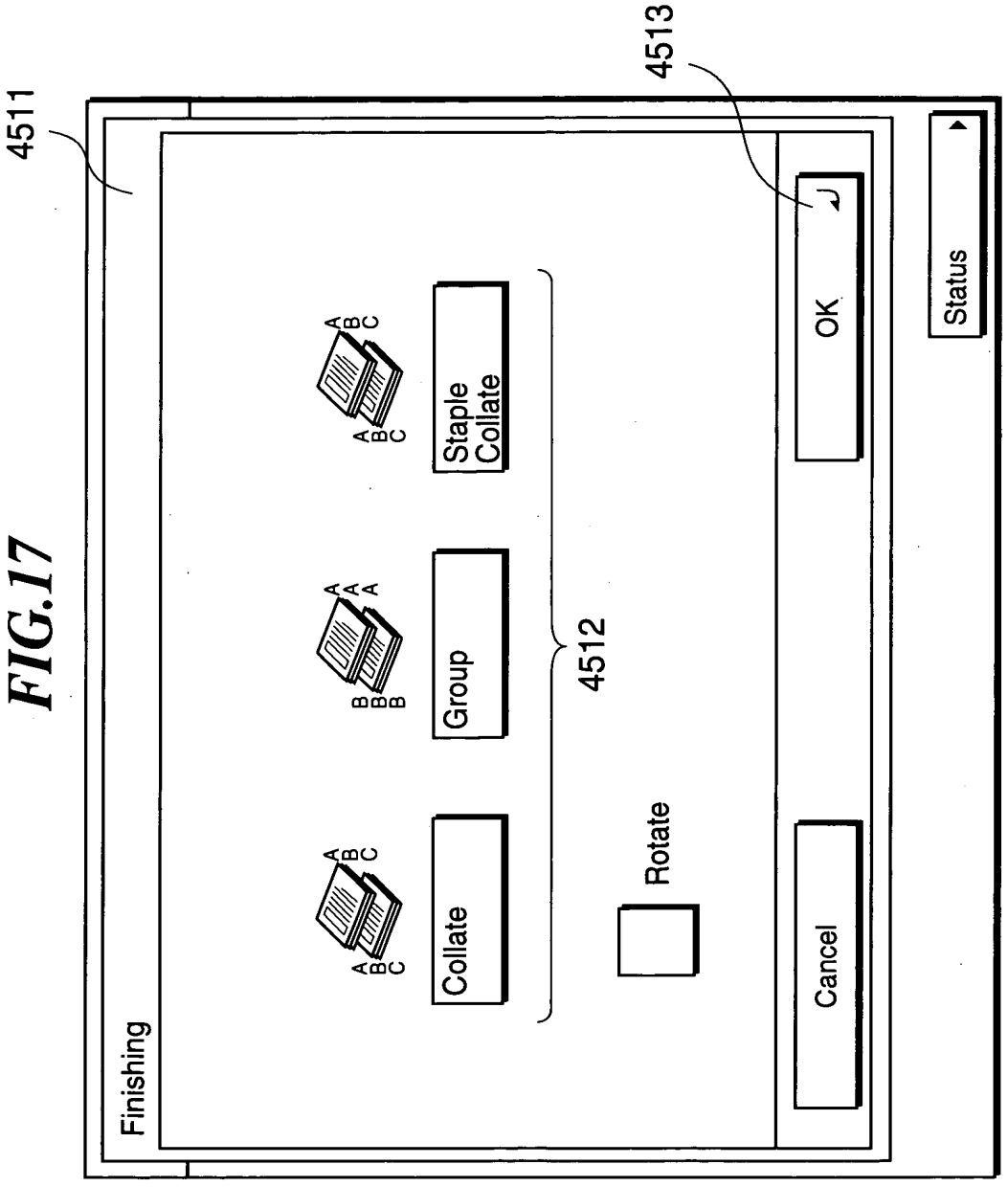

4511
4513
Finishing
Collate
Group
Staple Collate
4512
Rotate
Cancel
OK
Status

FIG.17

FIG.18

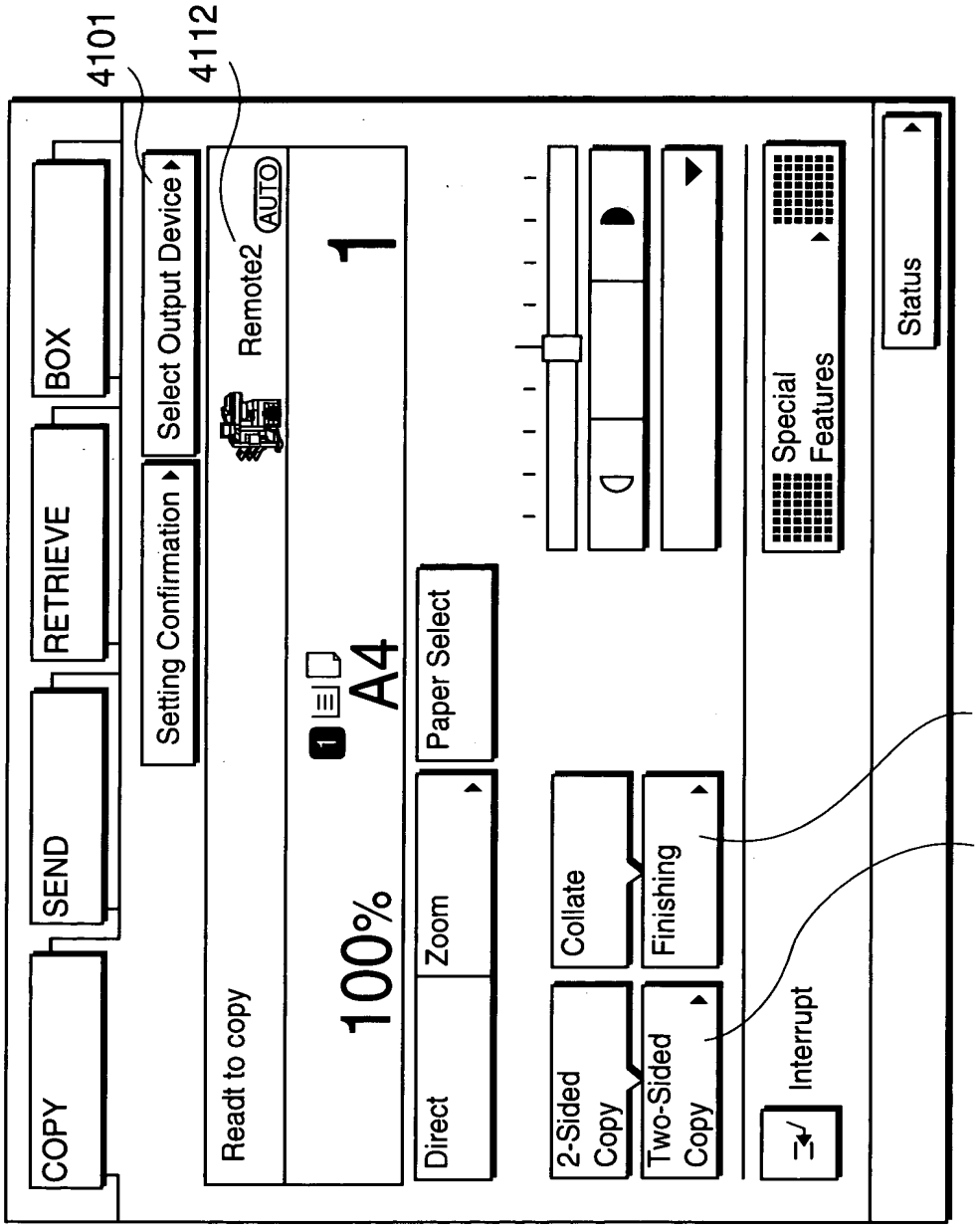

4101
4112
COPY
SEND
RETRIEVE
BOX
Select Output Device
Setting Confirmation
Remote2
AUTO
Readt to copy
100%
A4
1
Direct
Zoom
Paper Select
2-Sided Copy
Collate
Two-Sided Copy
Finishing
Special Features
Interrupt
Status
4113
4114

FIG.19

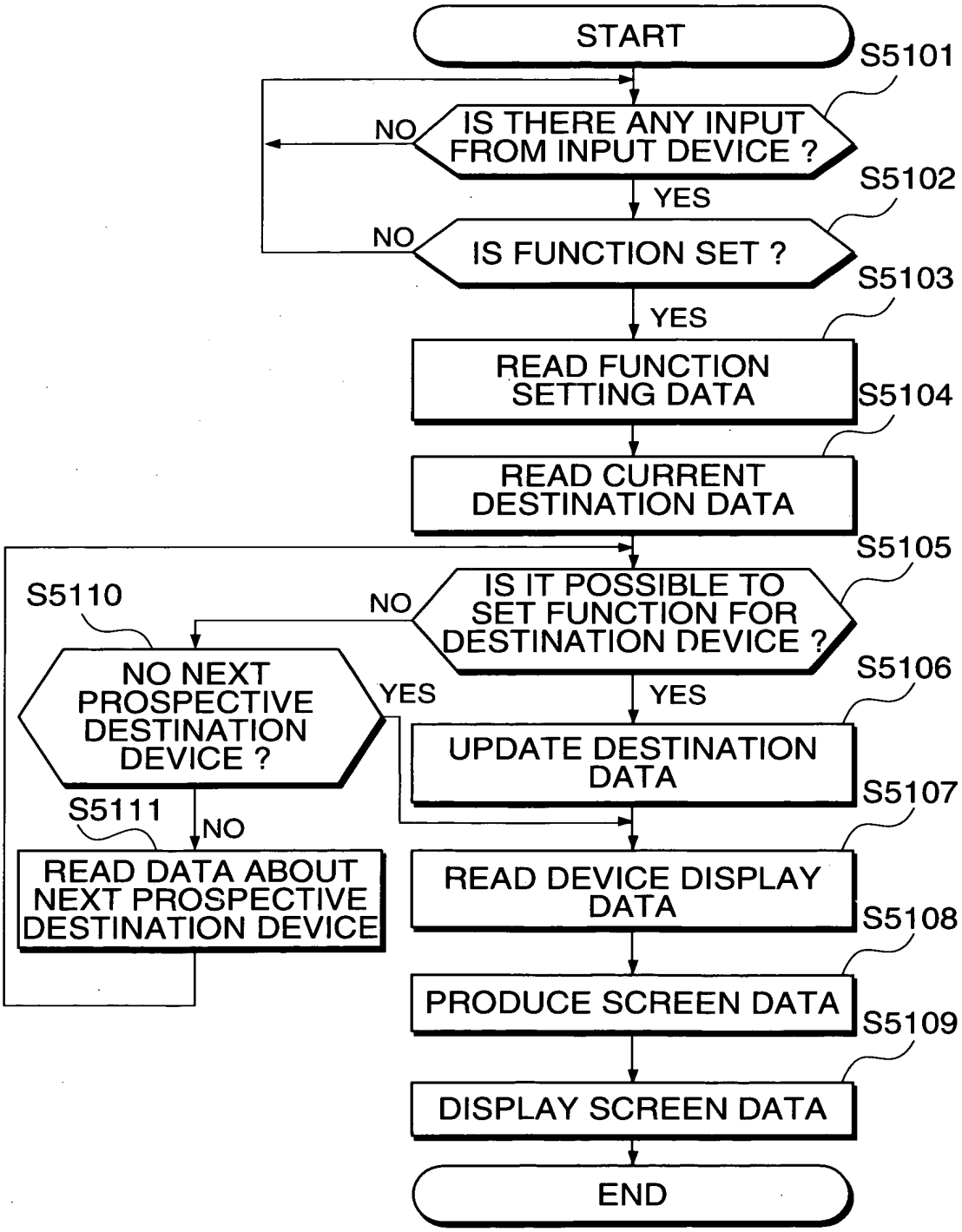

START
S5101
IS THERE ANY INPUT FROM INPUT DEVICE ?
NO
YES
S5102
IS FUNCTION SET ?
NO
YES
S5103
READ FUNCTION SETTING DATA
S5104
READ CURRENT DESTINATION DATA
S5105
IS IT POSSIBLE TO SET FUNCTION FOR DESTINATION DEVICE ?
NO
YES
S5106
UPDATE DESTINATION DATA
S5107
READ DEVICE DISPLAY DATA
S5108
PRODUCE SCREEN DATA
S5109
DISPLAY SCREEN DATA
END
S5110
NO NEXT PROSPECTIVE DESTINATION DEVICE ?
YES
S5111
NO
READ DATA ABOUT NEXT PROSPECTIVE DESTINATION DEVICE

FIG.20

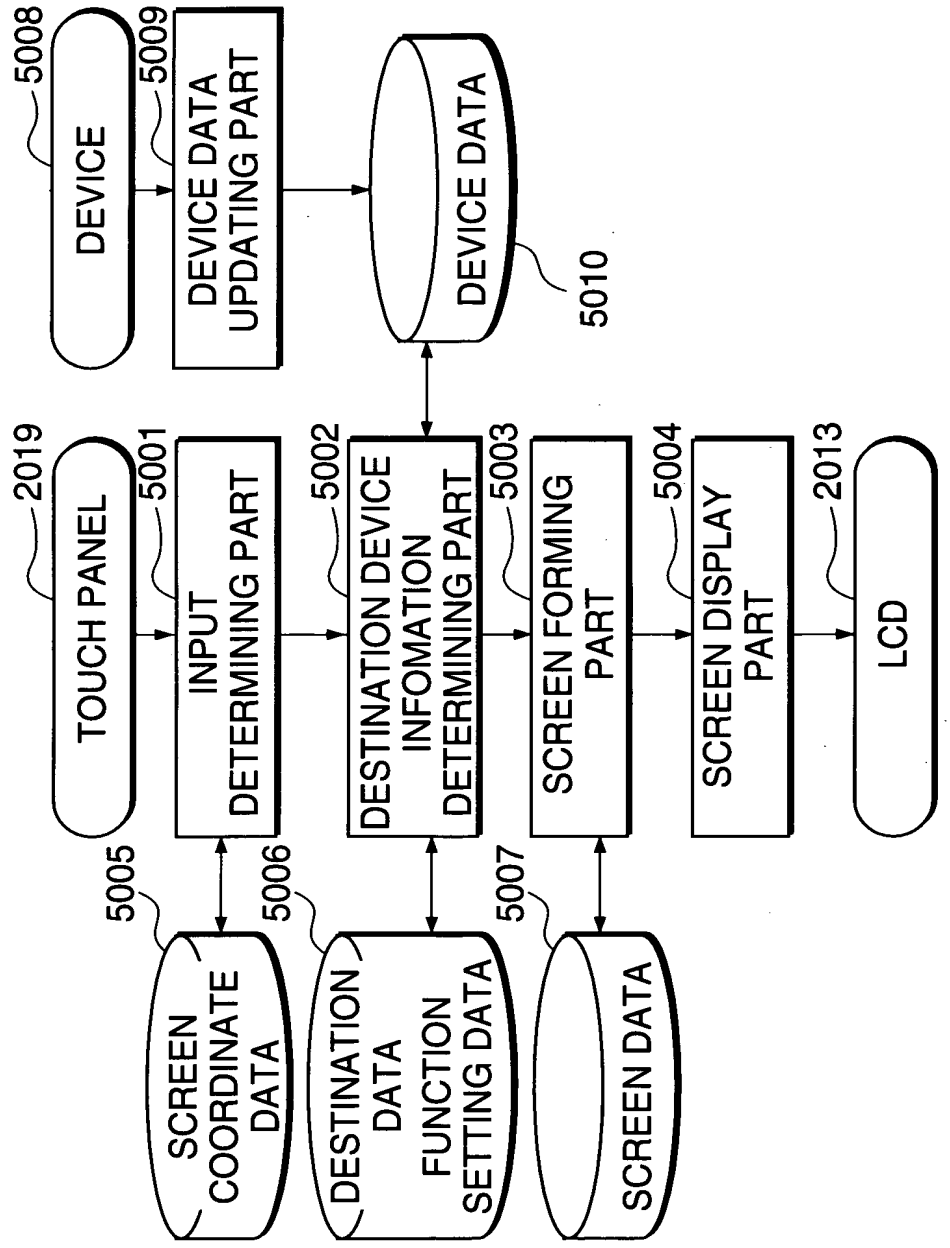
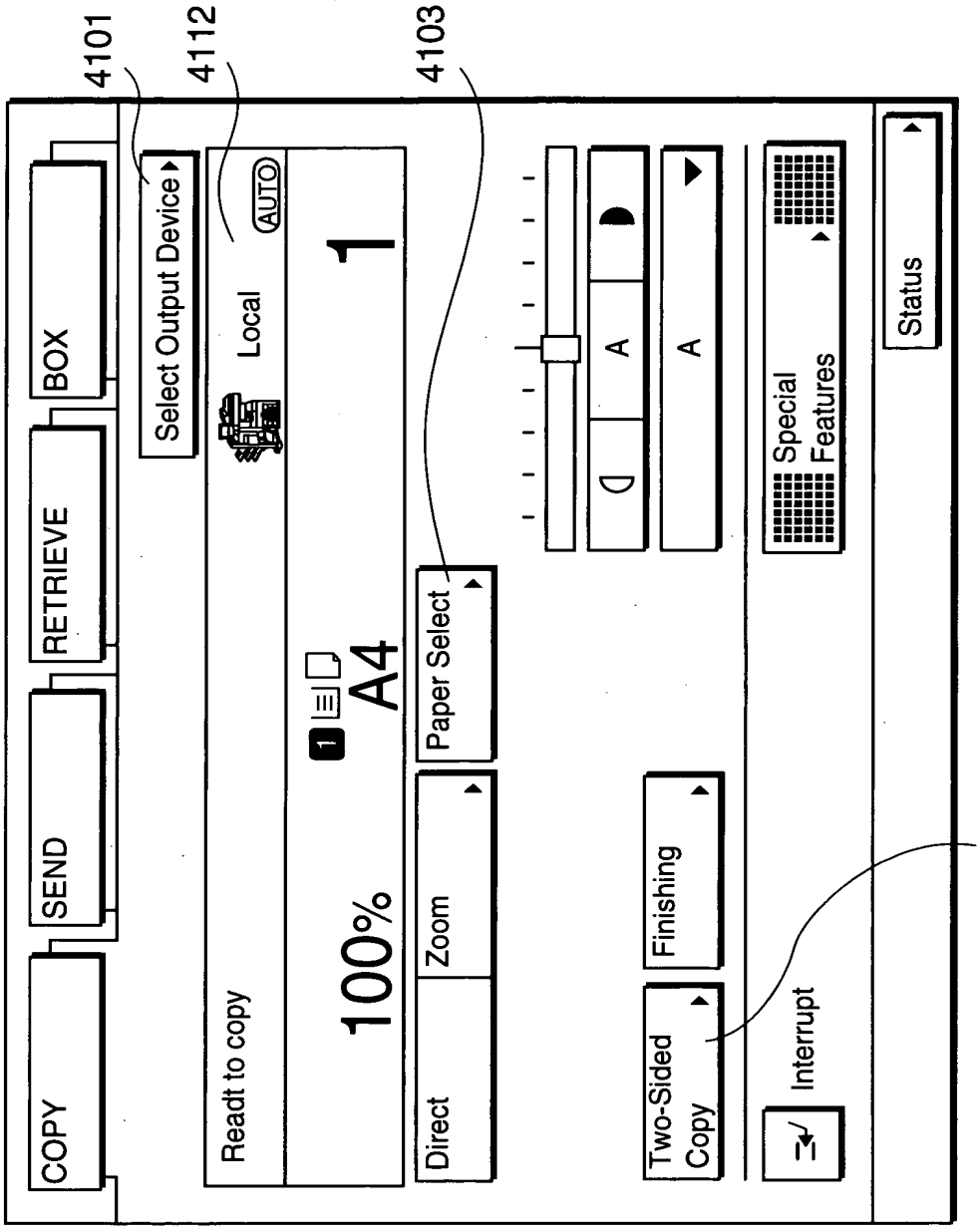

5008
DEVICE
5009
DEVICE DATA UPDATING PART
DEVICE DATA
5010
2019
TOUCH PANEL
5001
INPUT DETERMINING PART
5002
DESTINATION DEVICE INFOMATION DETERMINING PART
5003
SCREEN FORMING PART
5004
SCREEN DISPLAY PART
2013
LCD
5005
SCREEN COORDINATE DATA
5006
DESTINATION DATA FUNCTION SETTING DATA
5007
SCREEN DATA

FIG.21


4101
4112
4103
COPY
SEND
RETRIEVE
BOX
Select Output Device
Local
AUTO
Readt to copy
100%
1
A4
Paper Select
Direct
Zoom
Two-Sided Copy
Finishing
Interrupt
A
A
Special Features
Status
4114

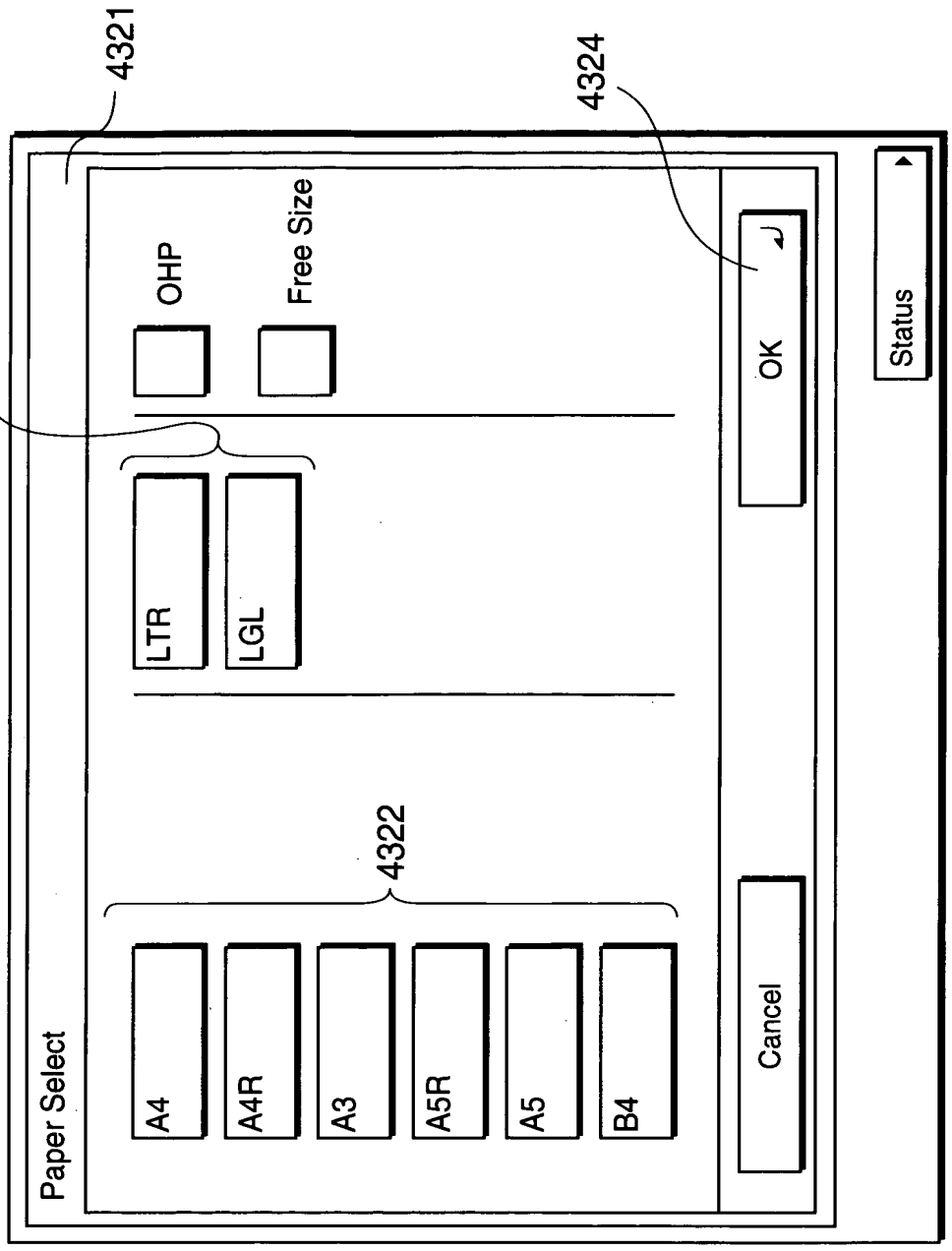
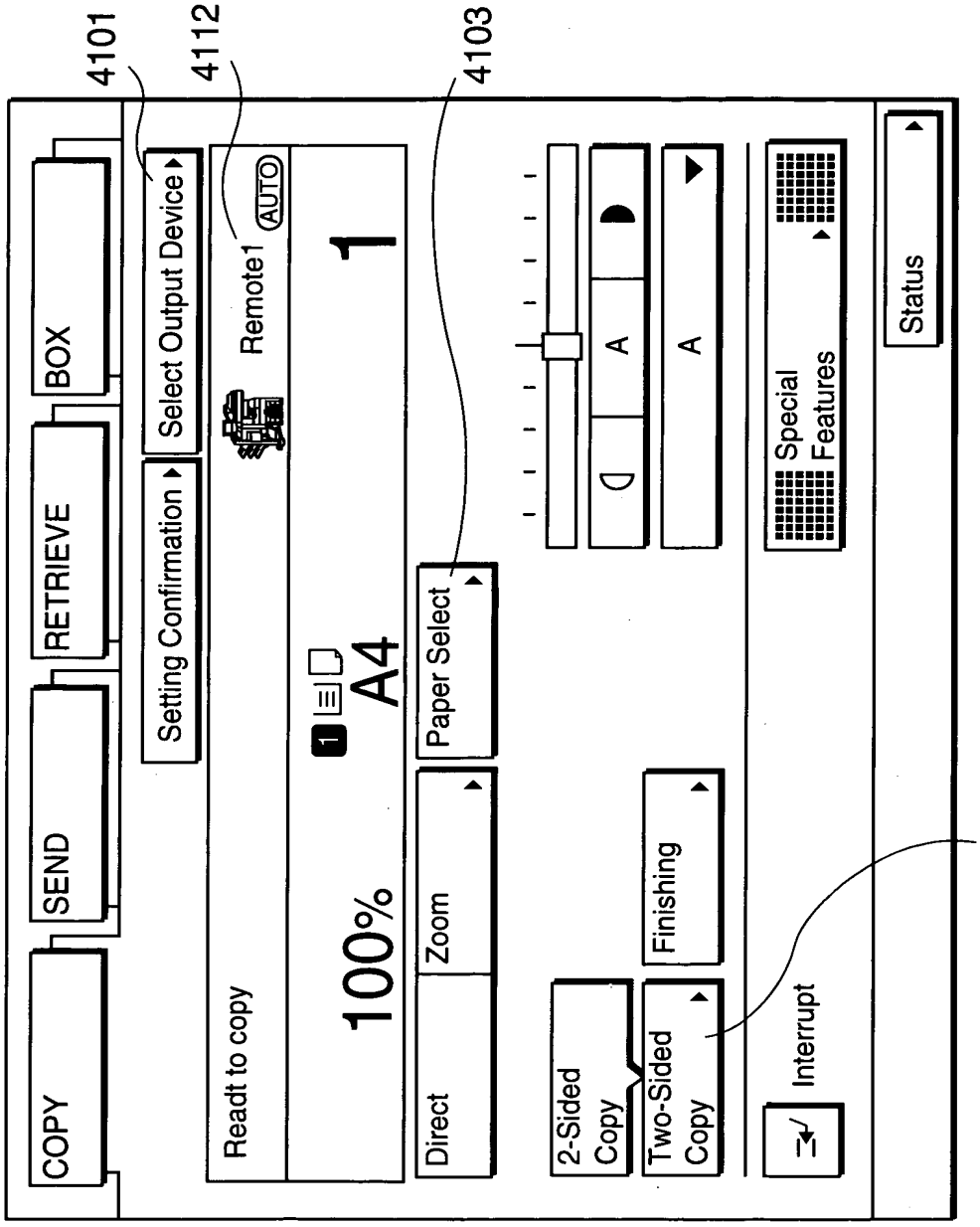

4321
4324
4323
OHP
Free Size
LTR
LGL
OK
Status
4322
Paper Select
A4
A4R
A3
A5R
A5
B4
Cancel

FIG.22

FIG.23


4101
4112
4103
4114
COPY
SEND
RETRIEVE
BOX
Select Output Device
Setting Confirmation
Remote1
AUTO
Readt to copy
100%
A4
1
Paper Select
Direct
Zoom
2-Sided Copy
Two-Sided Copy
Finishing
A
A
Special Features
Interrupt
Status

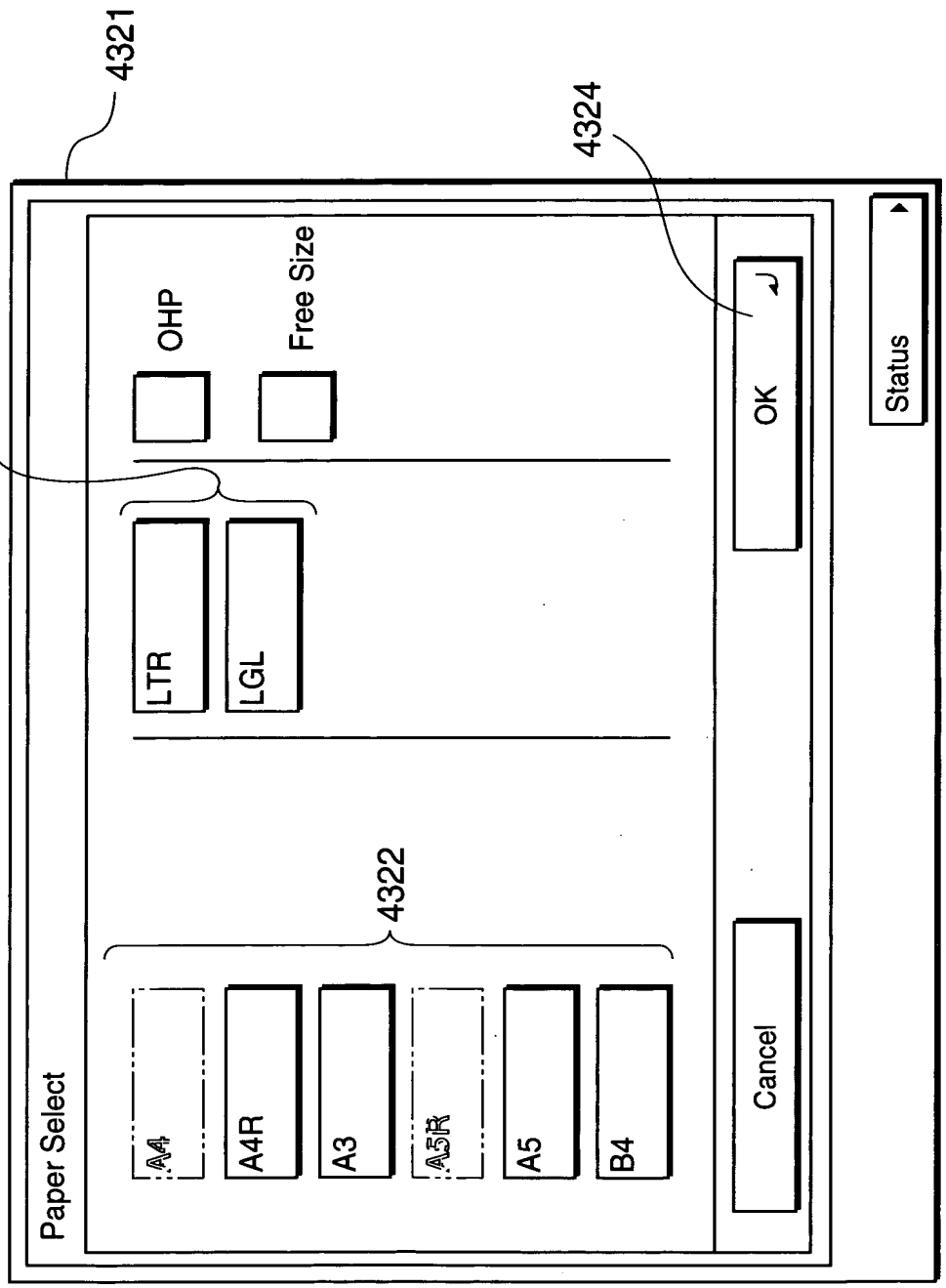
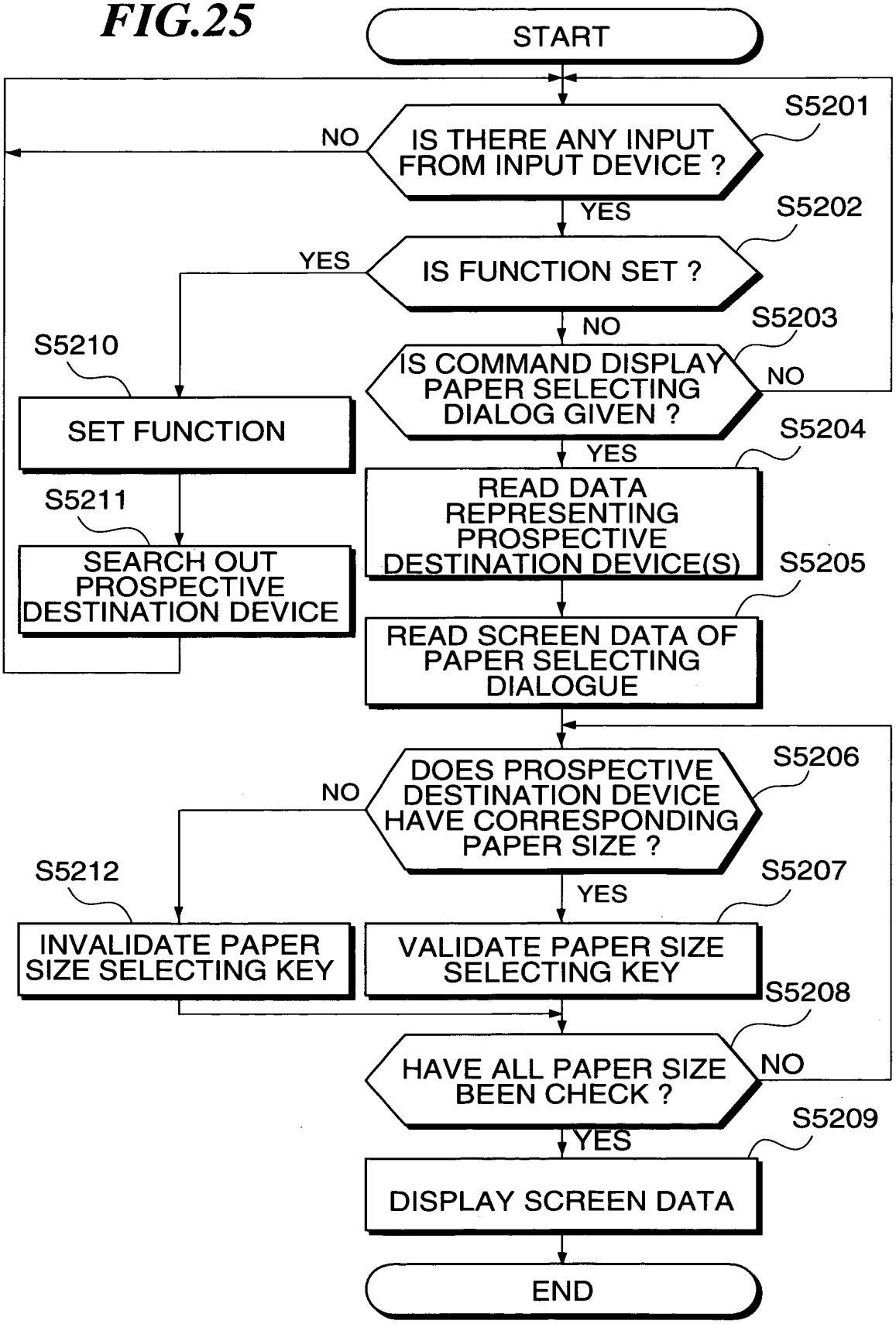

4321
4324
4323
OHP
Free Size
LTR
LGL
OK
Status
4322
Paper Select
A4
A4R
A3
A5R
A5
B4
Cancel

FIG.24

FIG.25


START
S5201
IS THERE ANY INPUT FROM INPUT DEVICE ?
NO
YES
S5202
IS FUNCTION SET ?
YES
NO
S5203
IS COMMAND DISPLAY PAPER SELECTING DIALOG GIVEN ?
NO
YES
S5210
SET FUNCTION
S5211
SEARCH OUT PROSPECTIVE DESTINATION DEVICE
S5204
READ DATA REPRESENTING PROSPECTIVE DESTINATION DEVICE(S)
S5205
READ SCREEN DATA OF PAPER SELECTING DIALOGUE
S5206
DOES PROSPECTIVE DESTINATION DEVICE HAVE CORRESPONDING PAPER SIZE ?
NO
YES
S5212
INVALIDATE PAPER SIZE SELECTING KEY
S5207
VALIDATE PAPER SIZE SELECTING KEY
S5208
HAVE ALL PAPER SIZE BEEN CHECK ?
NO
YES
S5209
DISPLAY SCREEN DATA
END